

FIG. 1

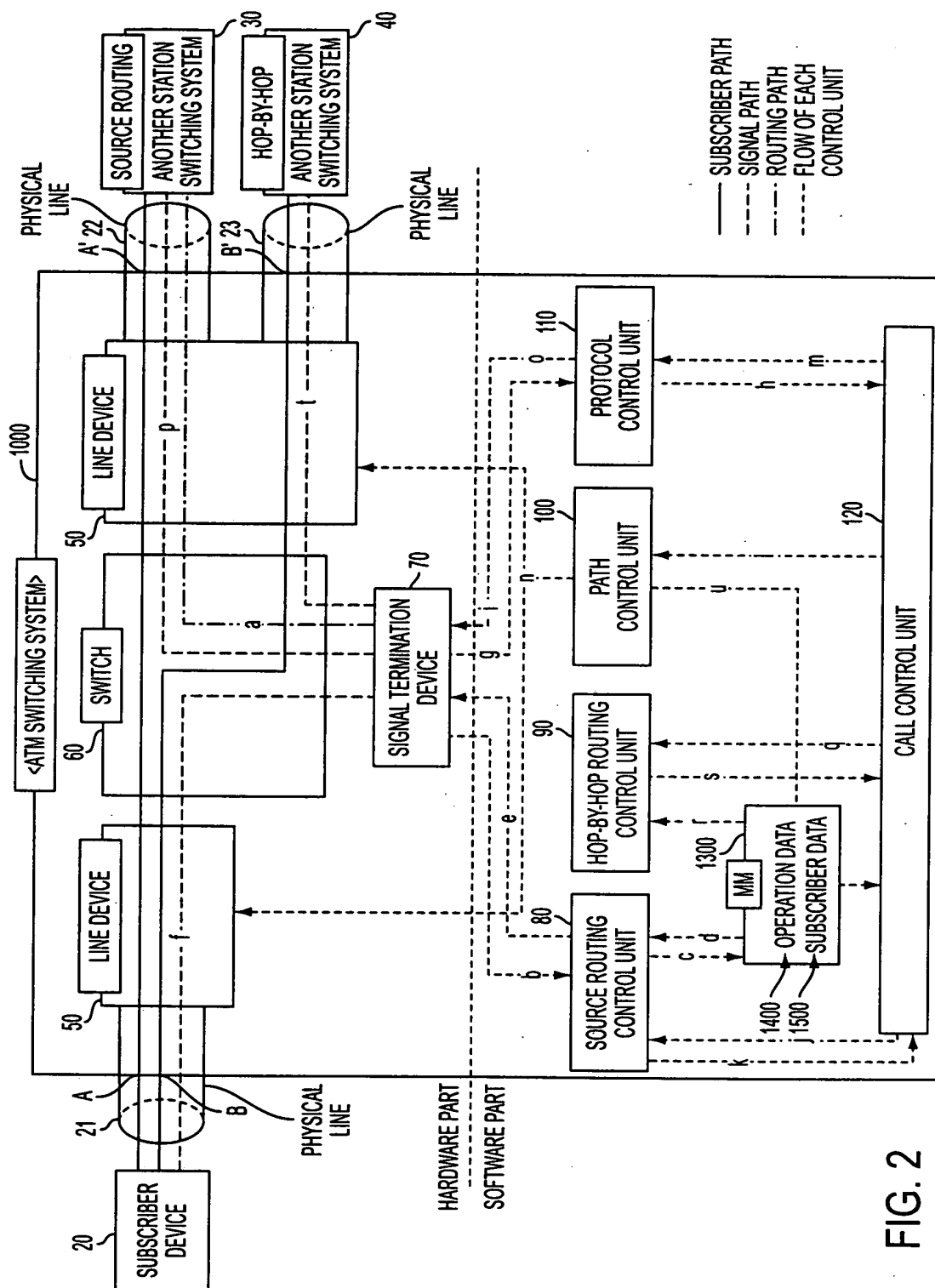


FIG. 2

09755090.02404
T0970.06050.46

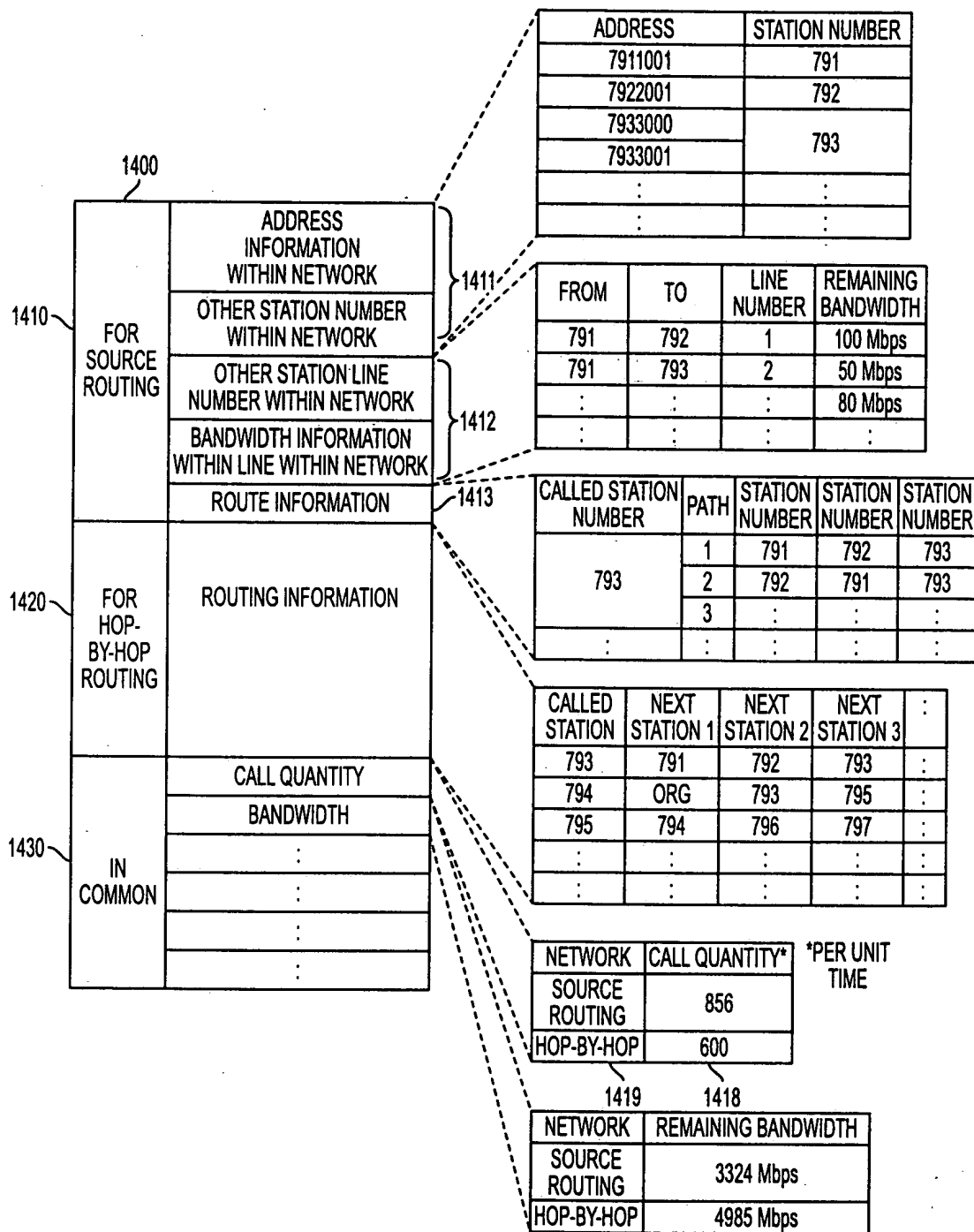


FIG. 3

Diagram illustrating the structure of the ATM network management information, showing existing information elements and the expanded use routing information.

EXISTING INFORMATION ELEMENTS:

- 1640: CALLING PARTY NUMBER
- 1610: CALLED PARTY NUMBER
- 1620: ATM TRAFFIC DESCRIPTOR
- 1630: BROADBAND BEARER CAPABILITY
- 1650: QUALITY OF SERVICE PARAMETER
- 1650: CONNECTION IDENTIFIER (VPI/VC)

Expanded USE ROUTING INFORMATION (1604):

- 1601: USE ROUTING INFORMATION ID
- 1602: EXT
- CODING STANDARD
-
- 1603: LENGTH
- 1604: USE ROUTING
 - 1: HOP-BY-HOP ROUTING
 - 2: SOURCE ROUTING

FIG. 4

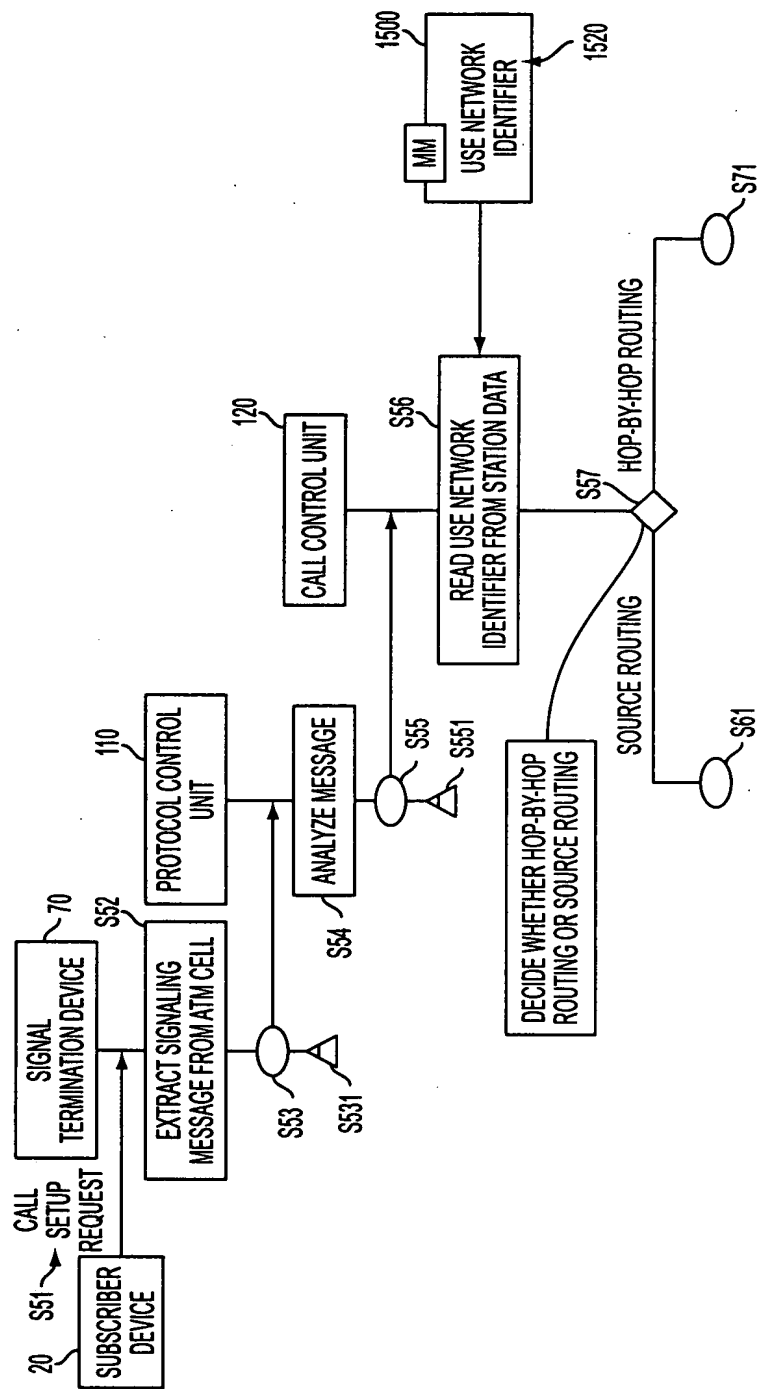


FIG. 5

FIG. 6

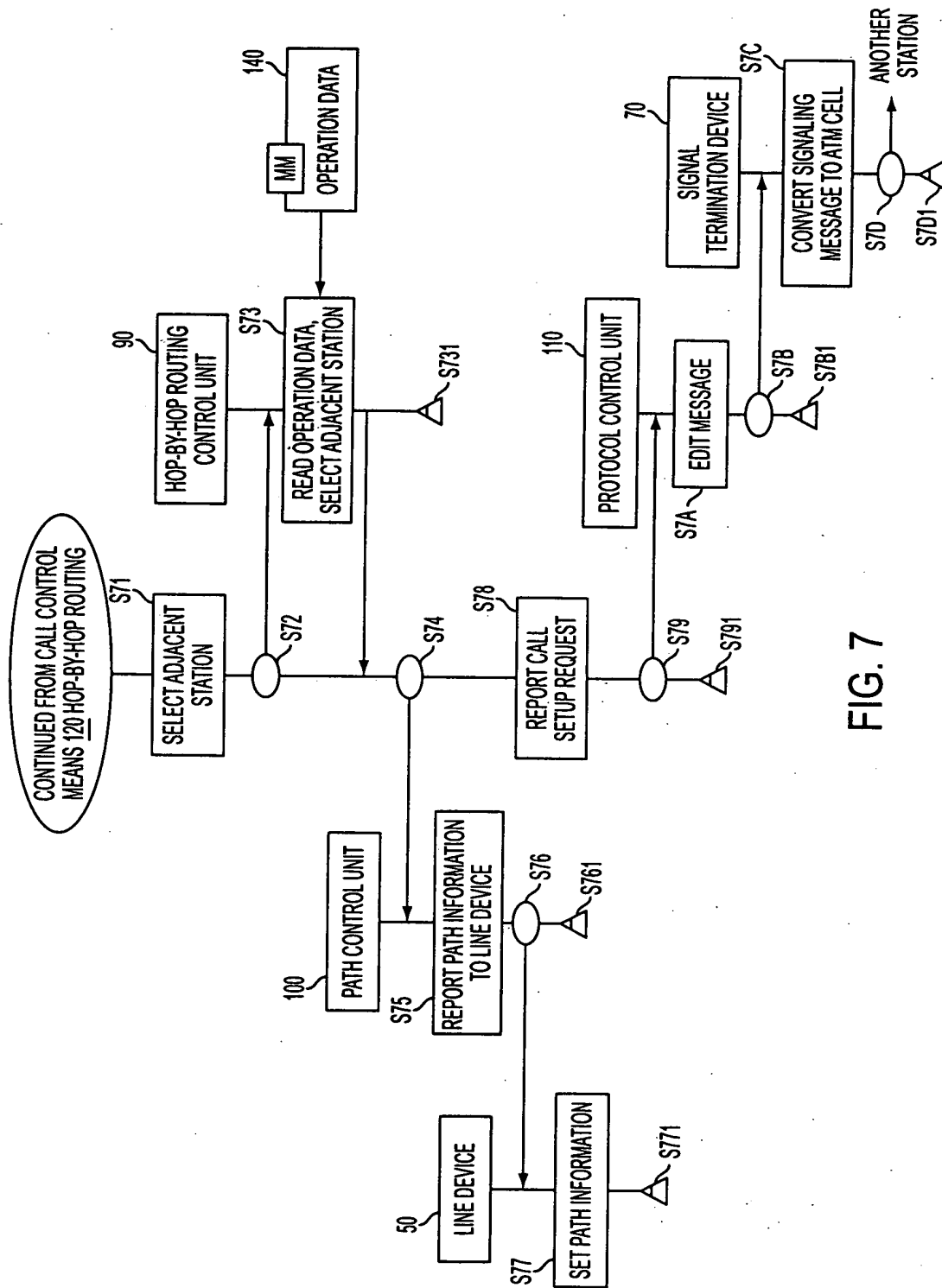


FIG. 7

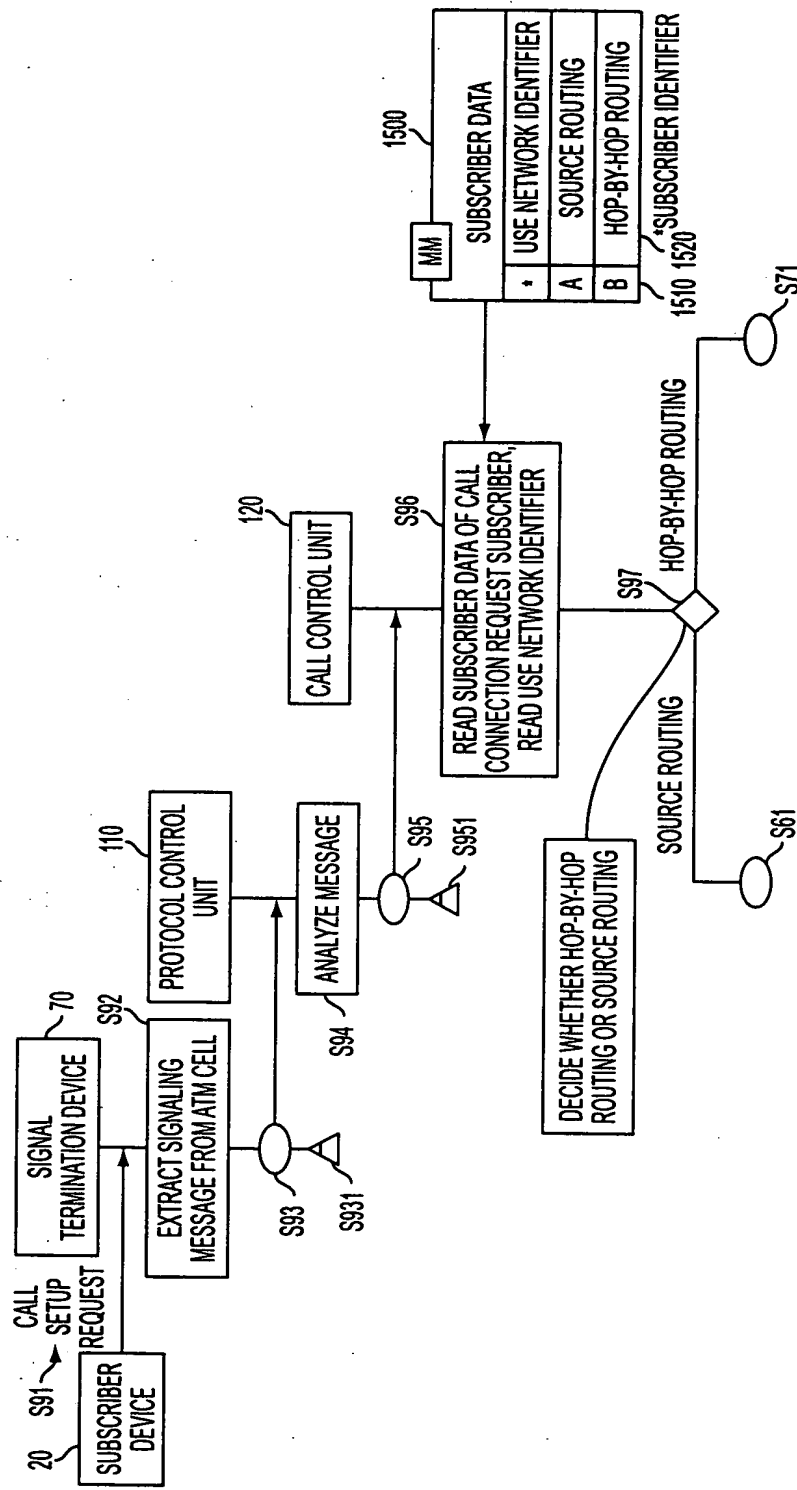


FIG. 9

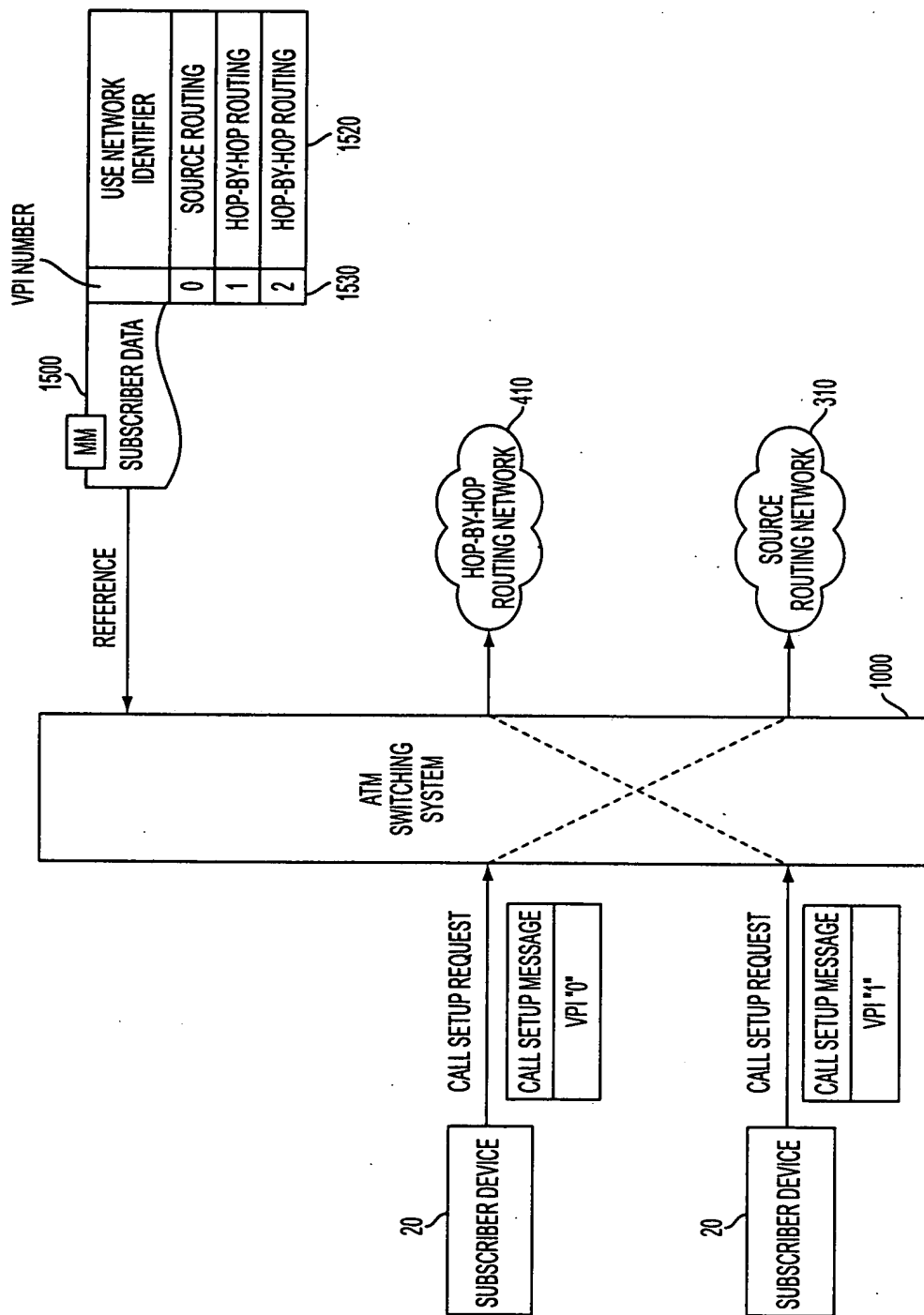


FIG. 10

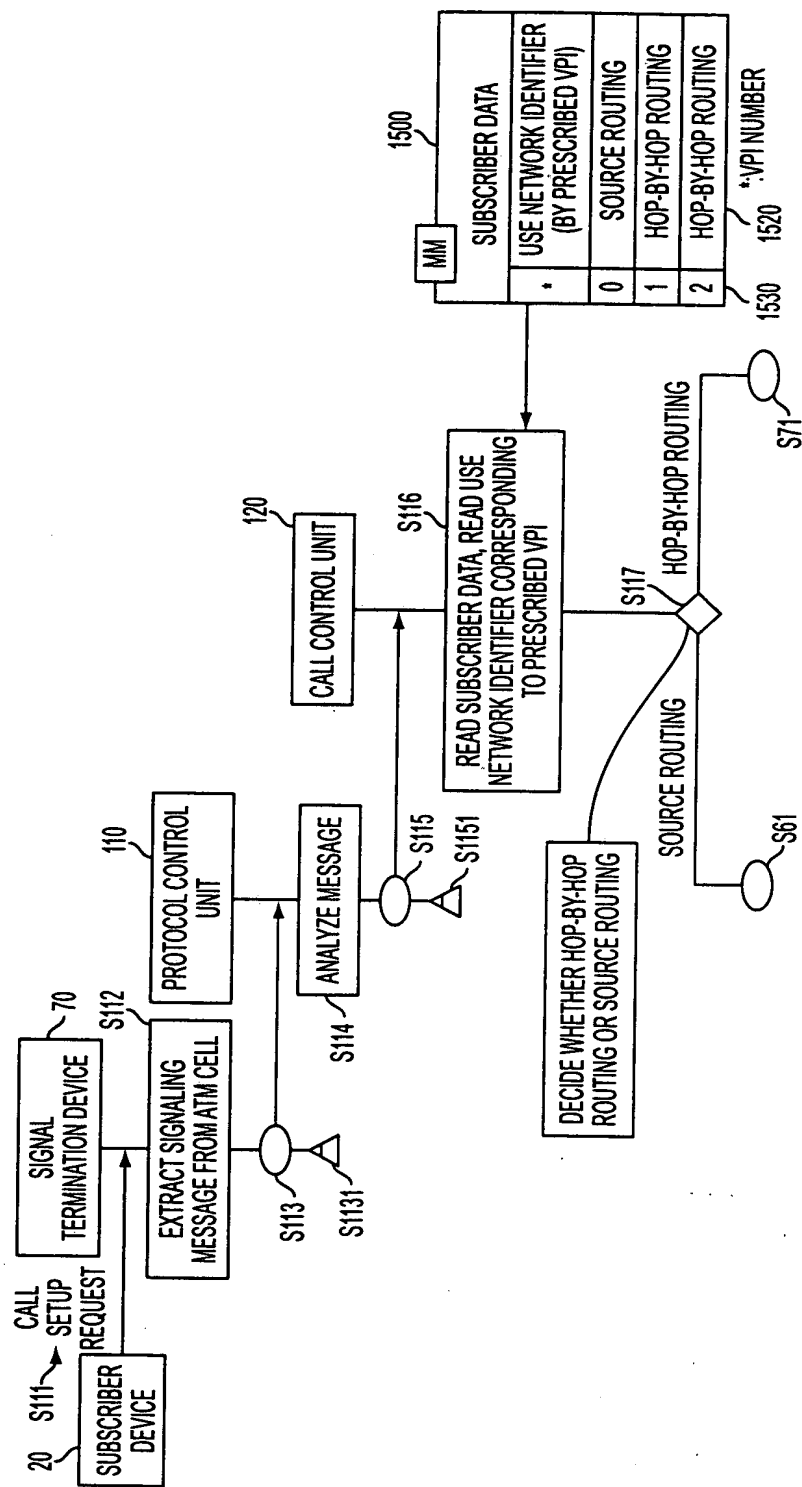


FIG. 11

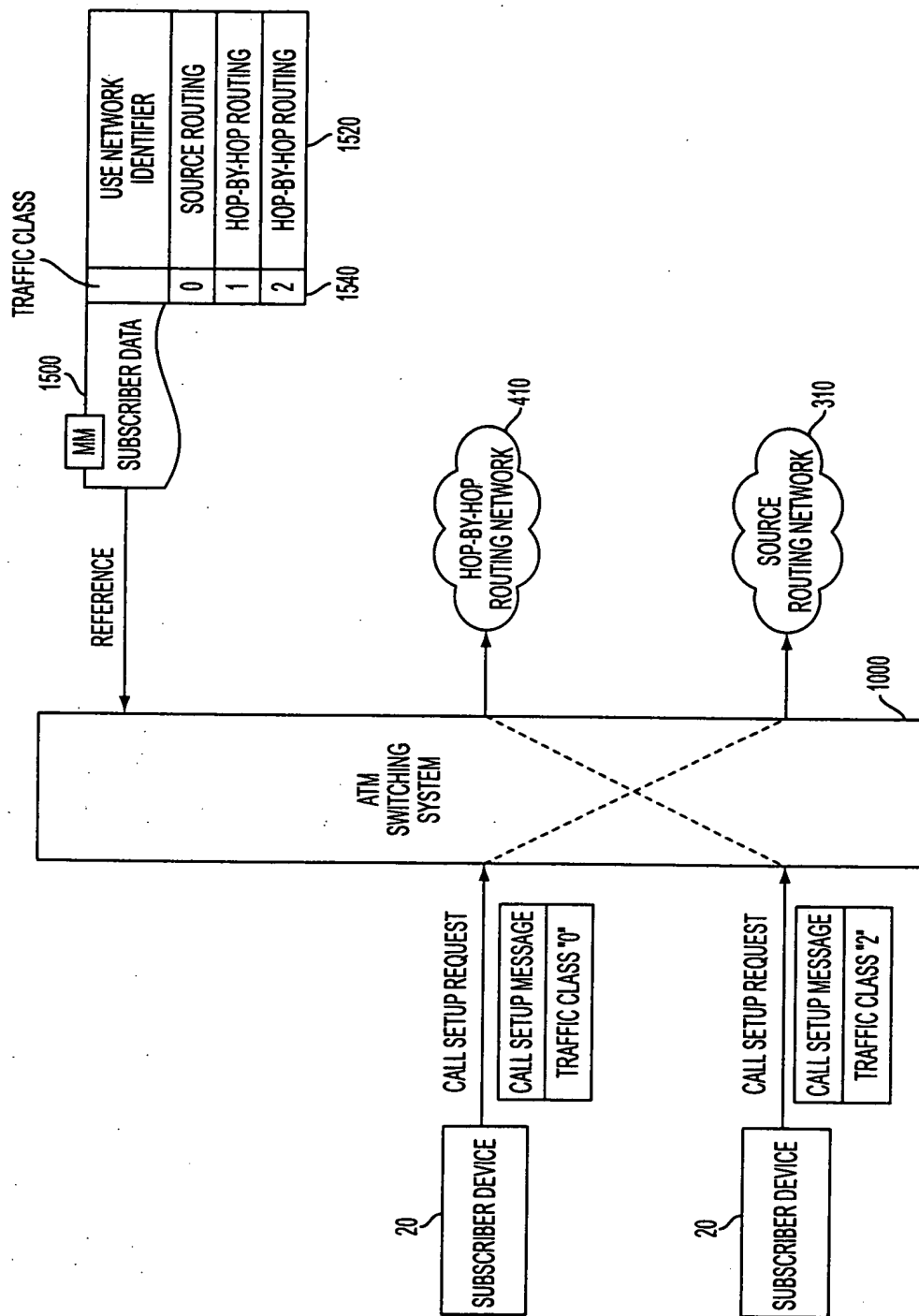


FIG. 12

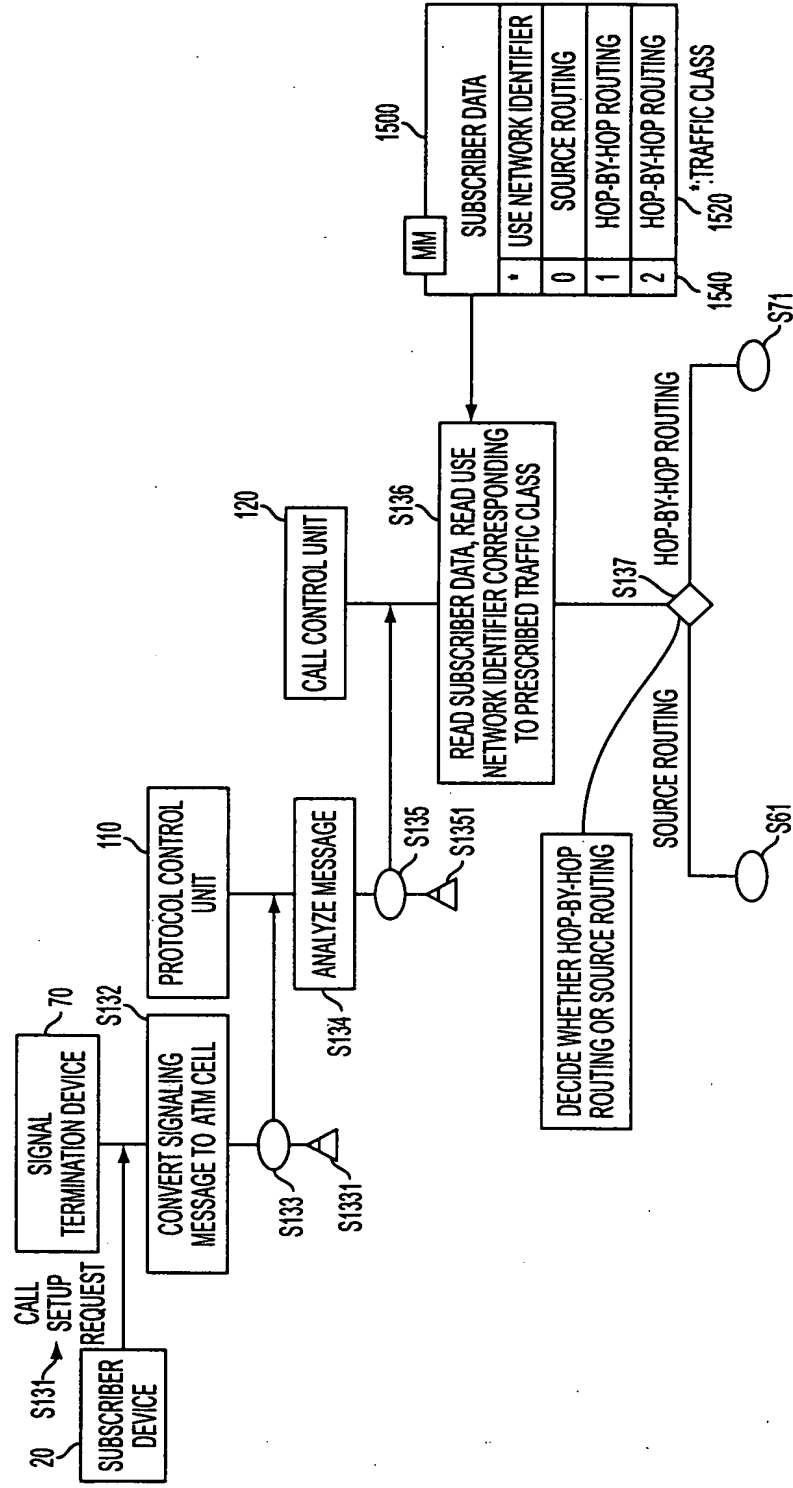


FIG. 13

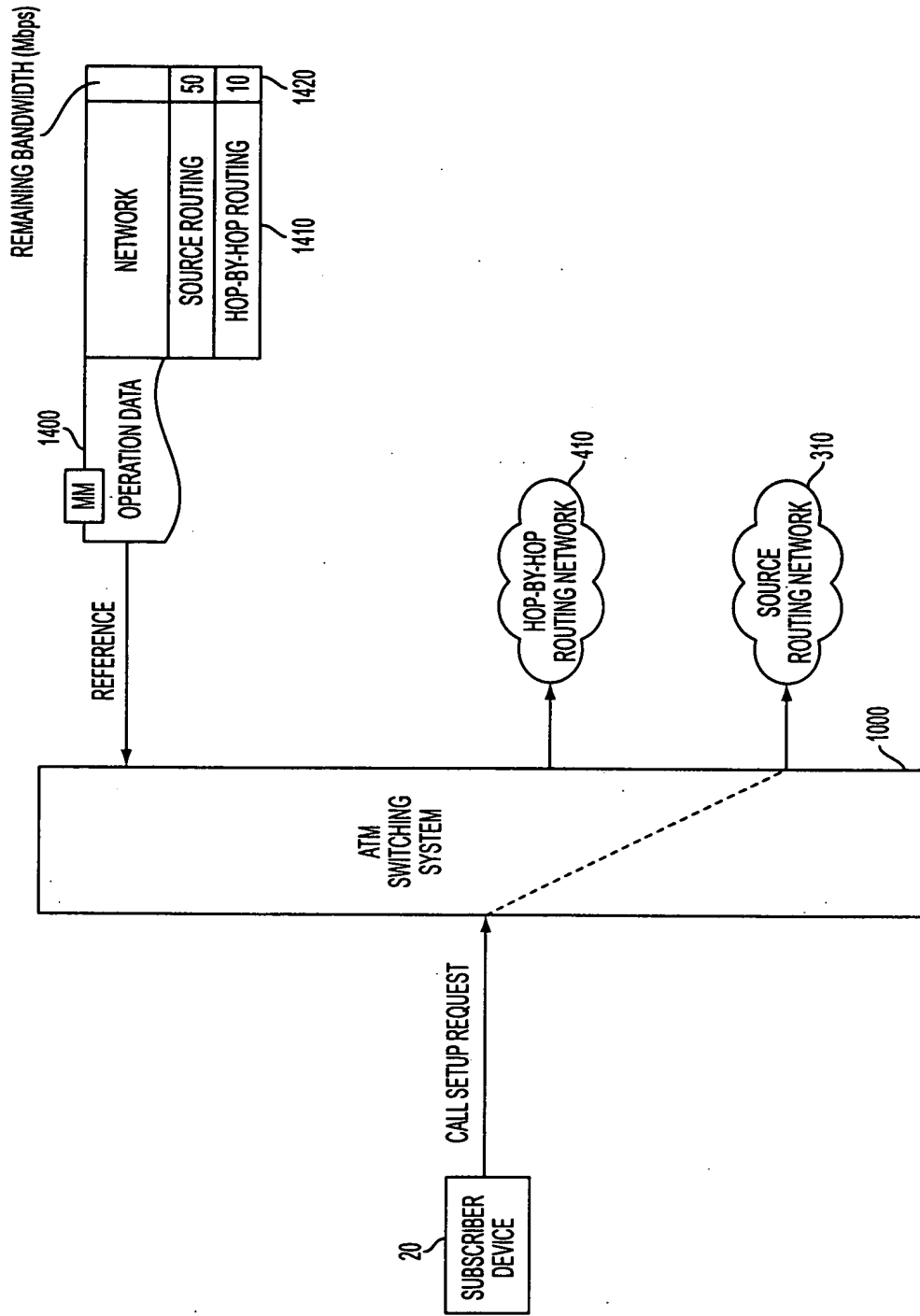


FIG. 14

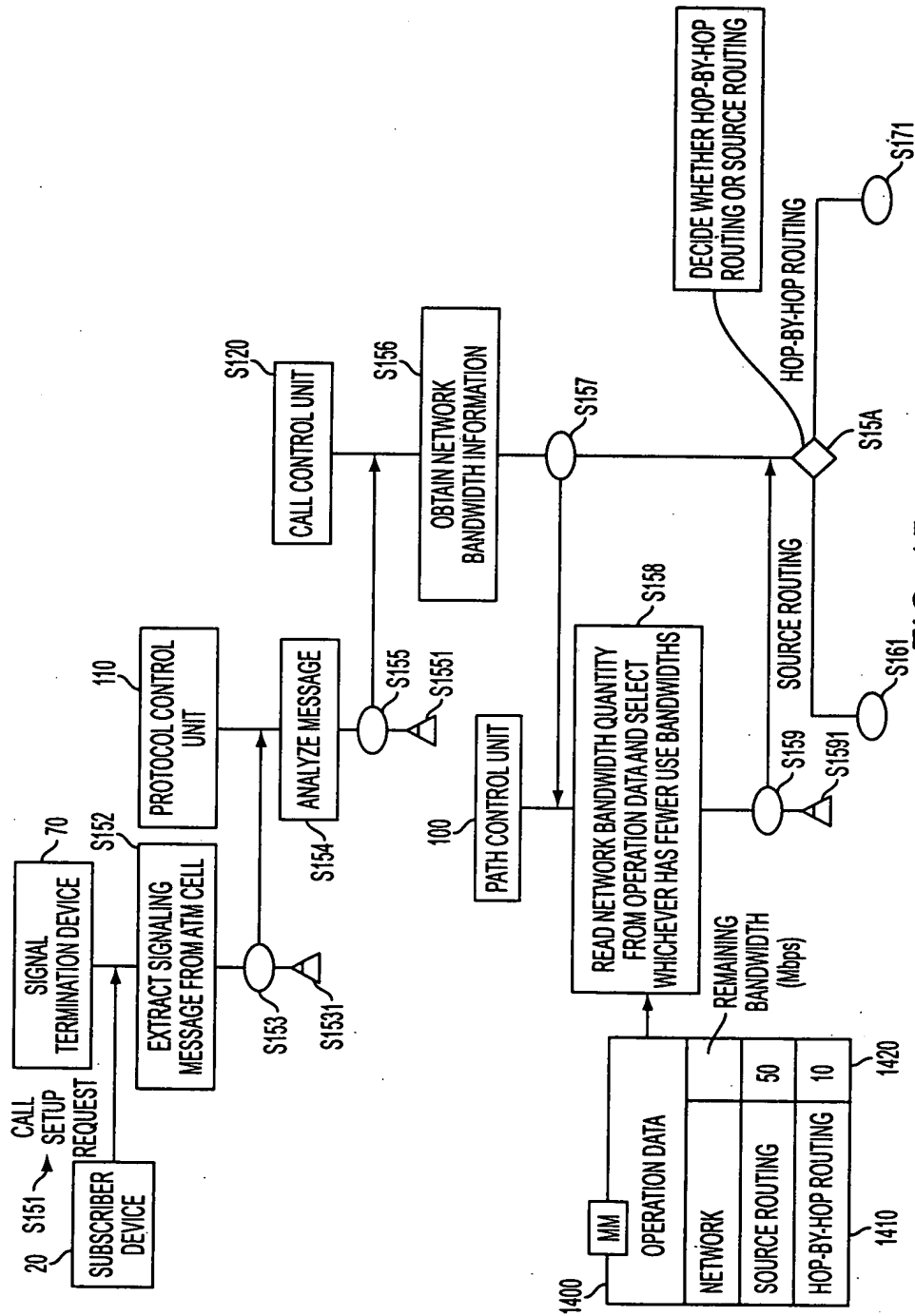
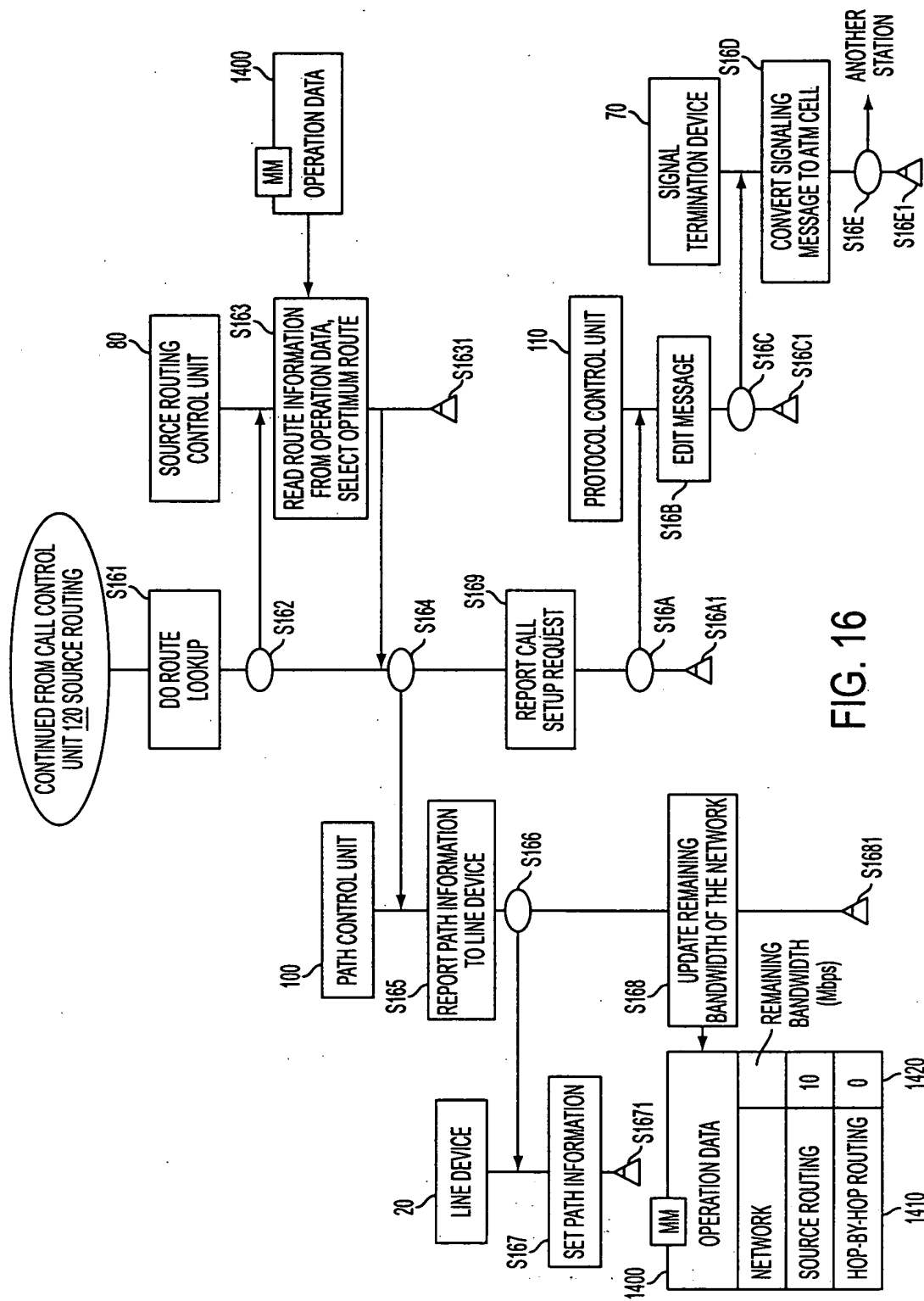
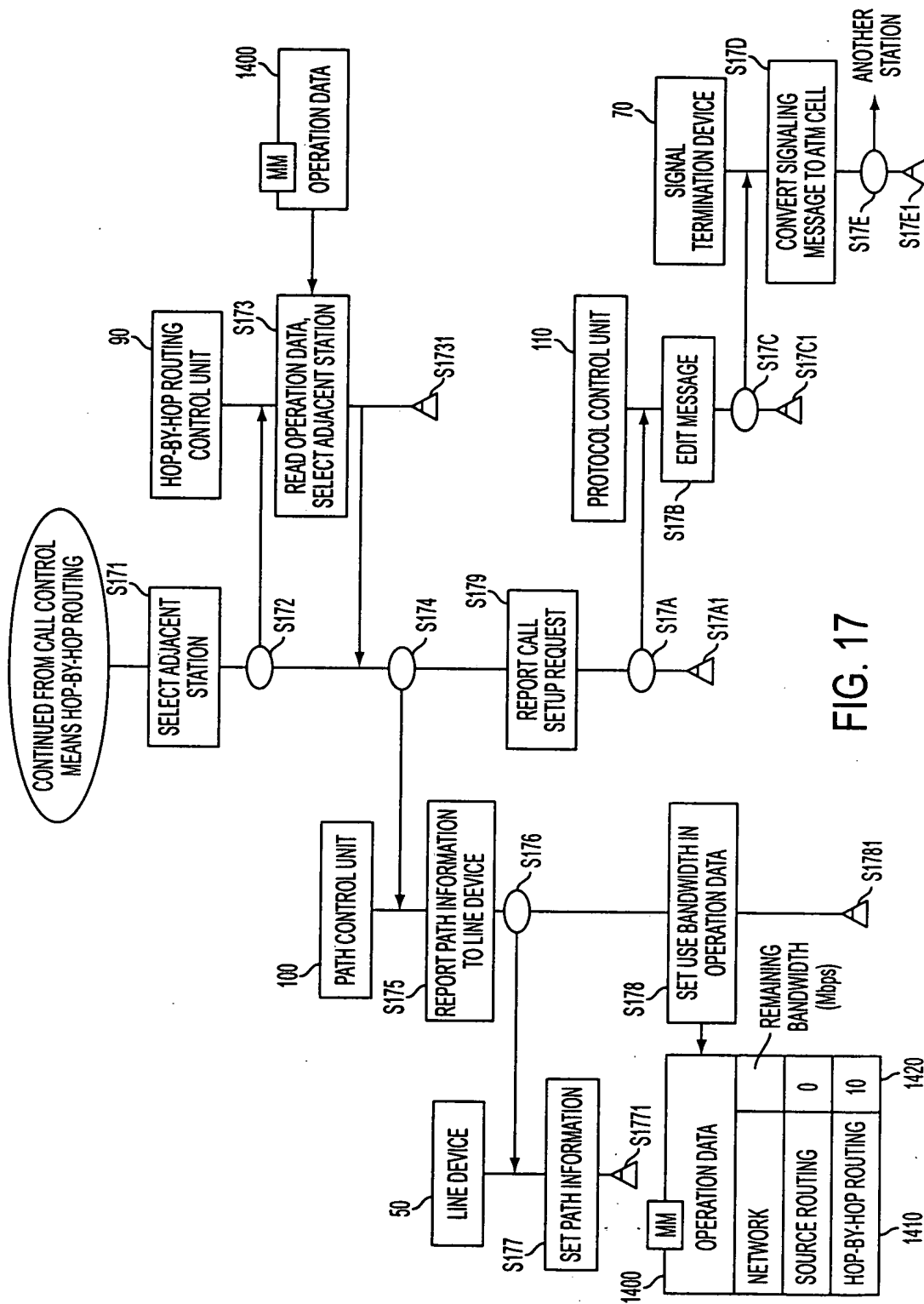


FIG. 15





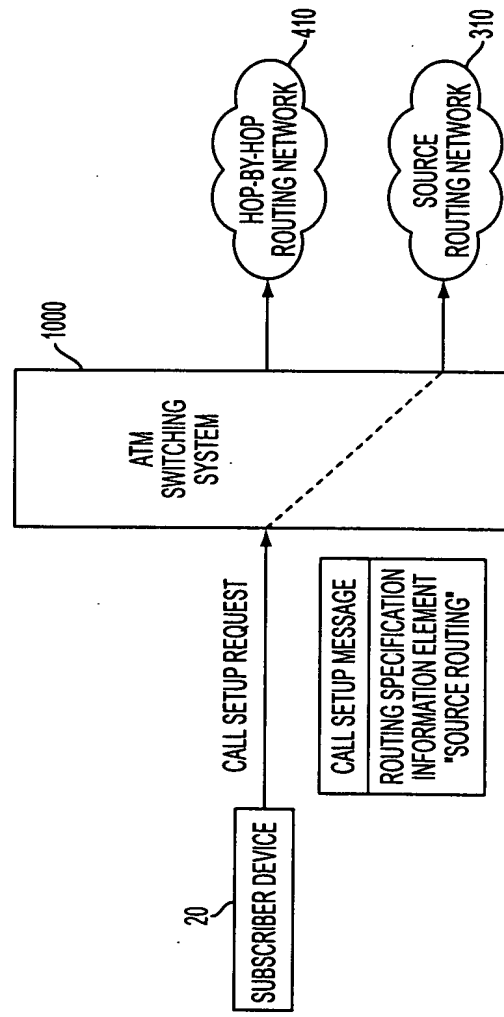


FIG. 18

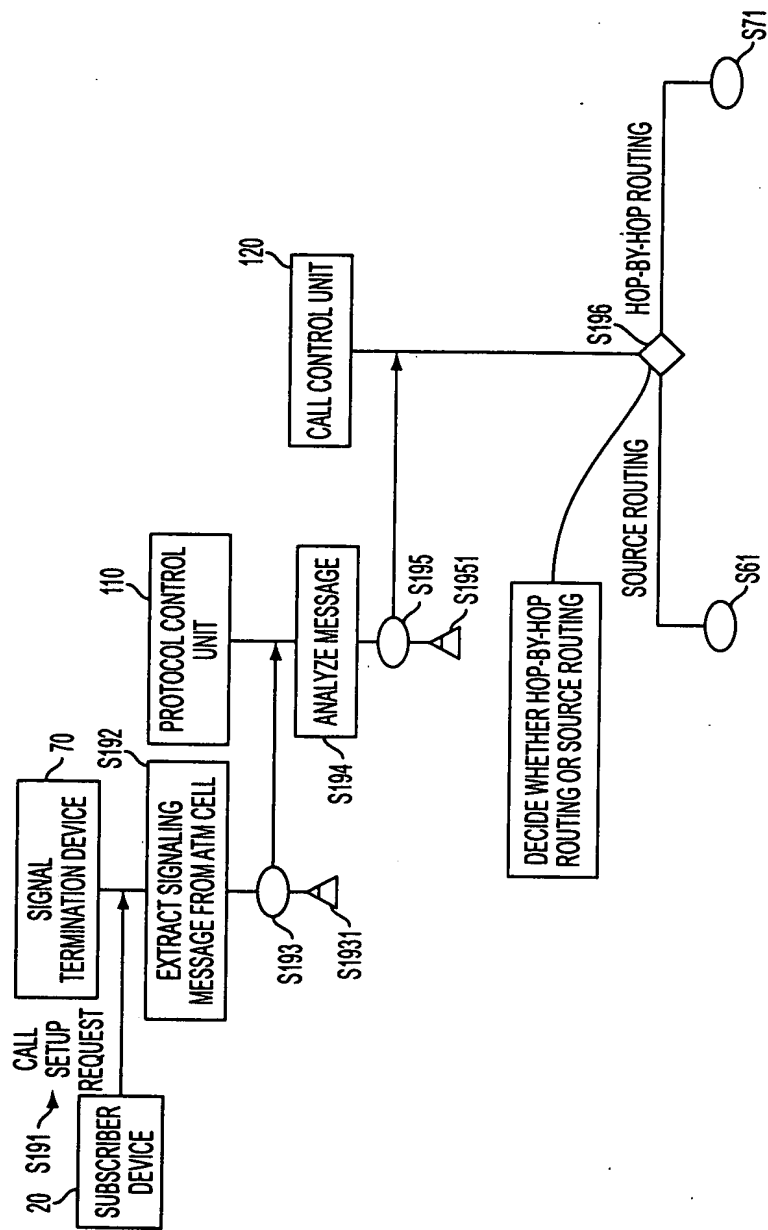


FIG. 19

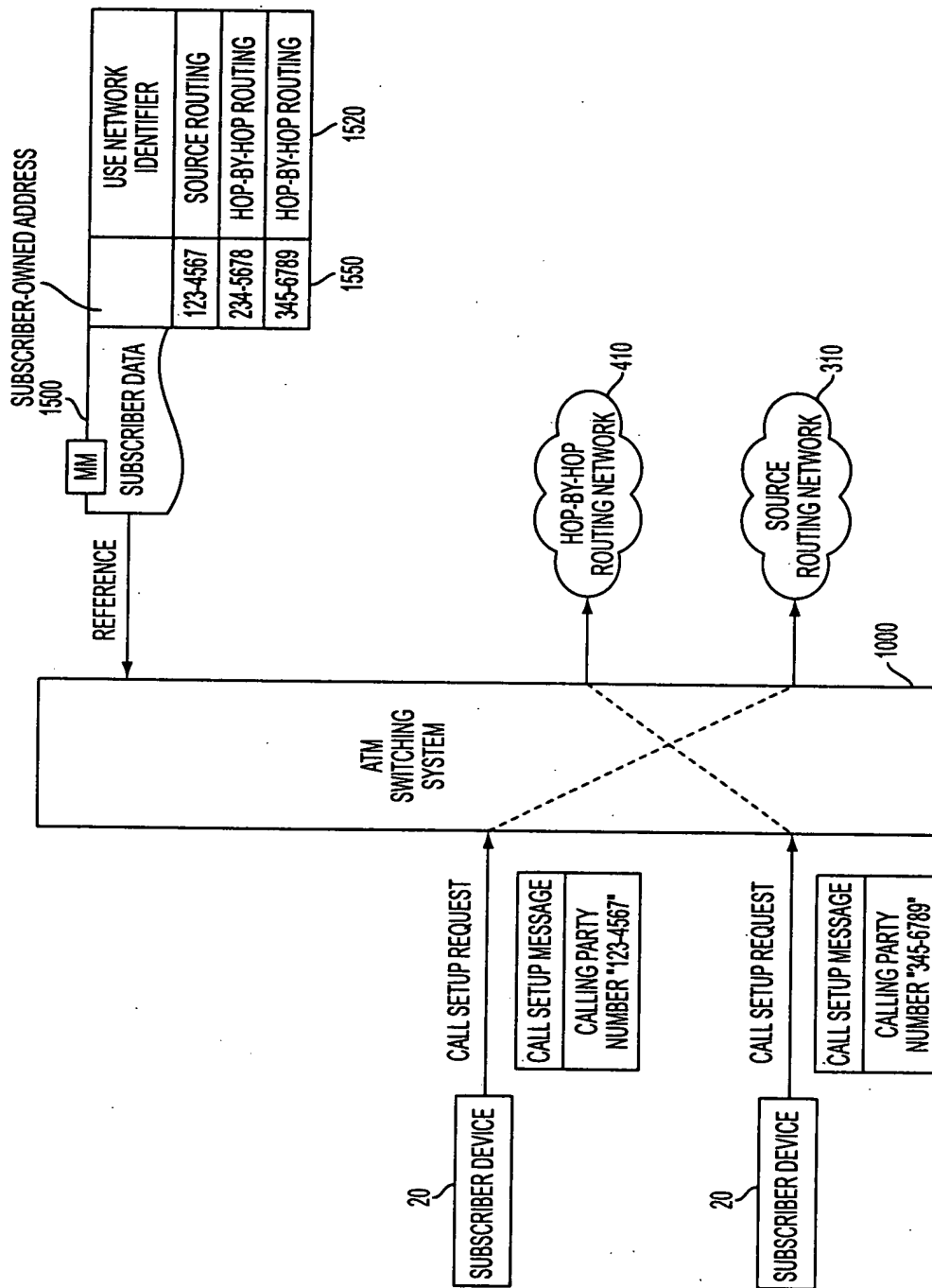


FIG. 20

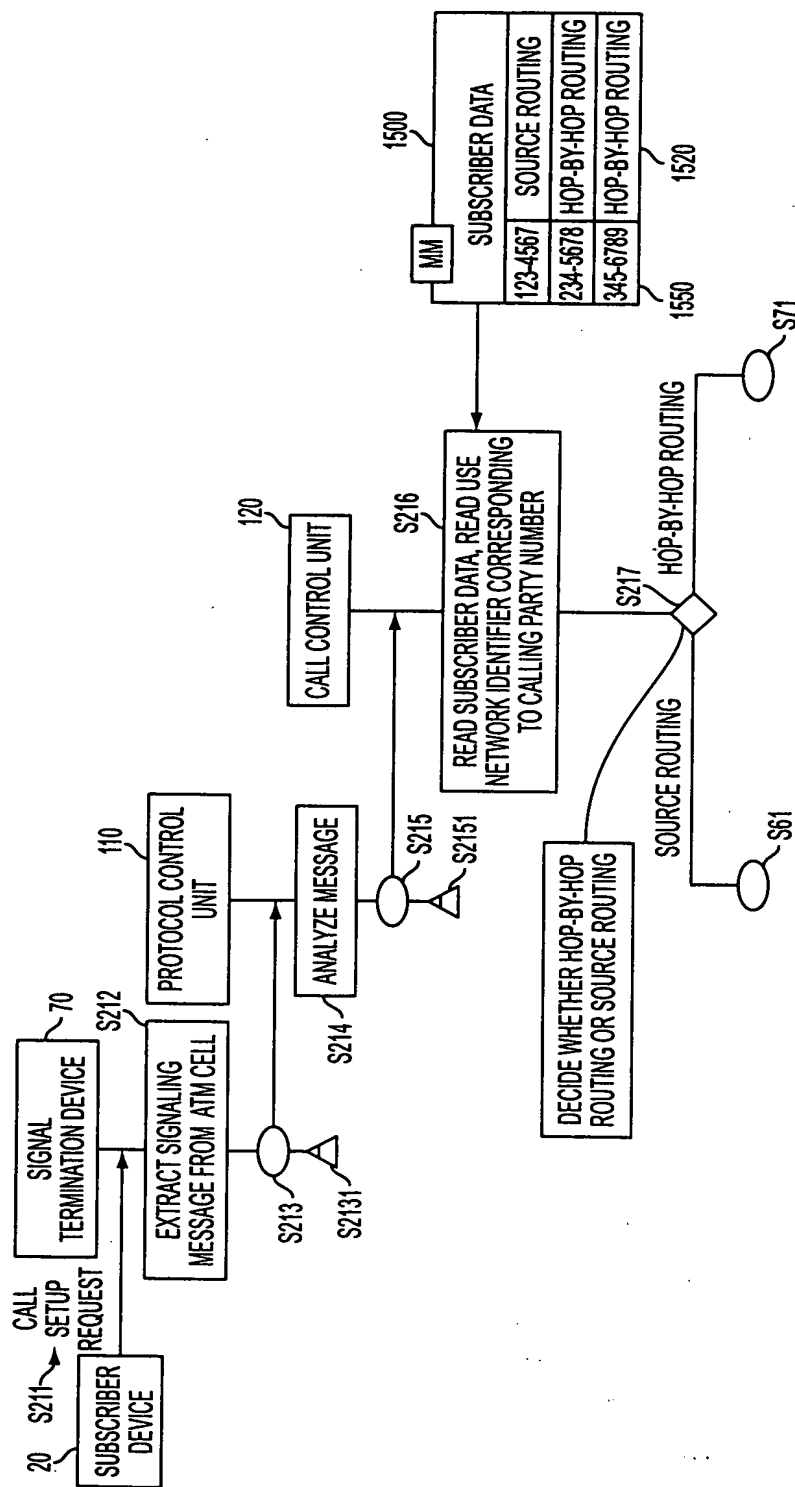


FIG. 21

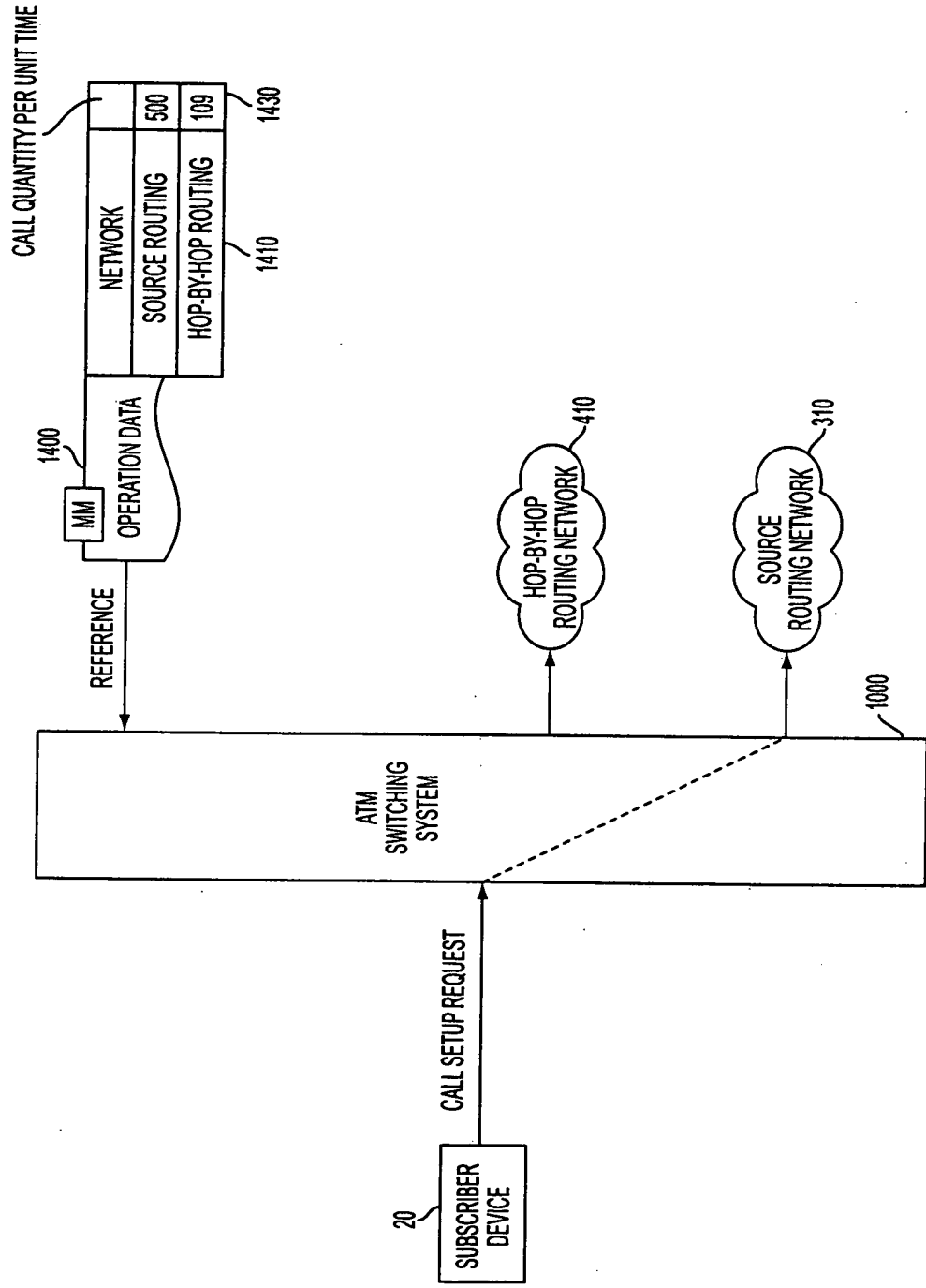


FIG. 22

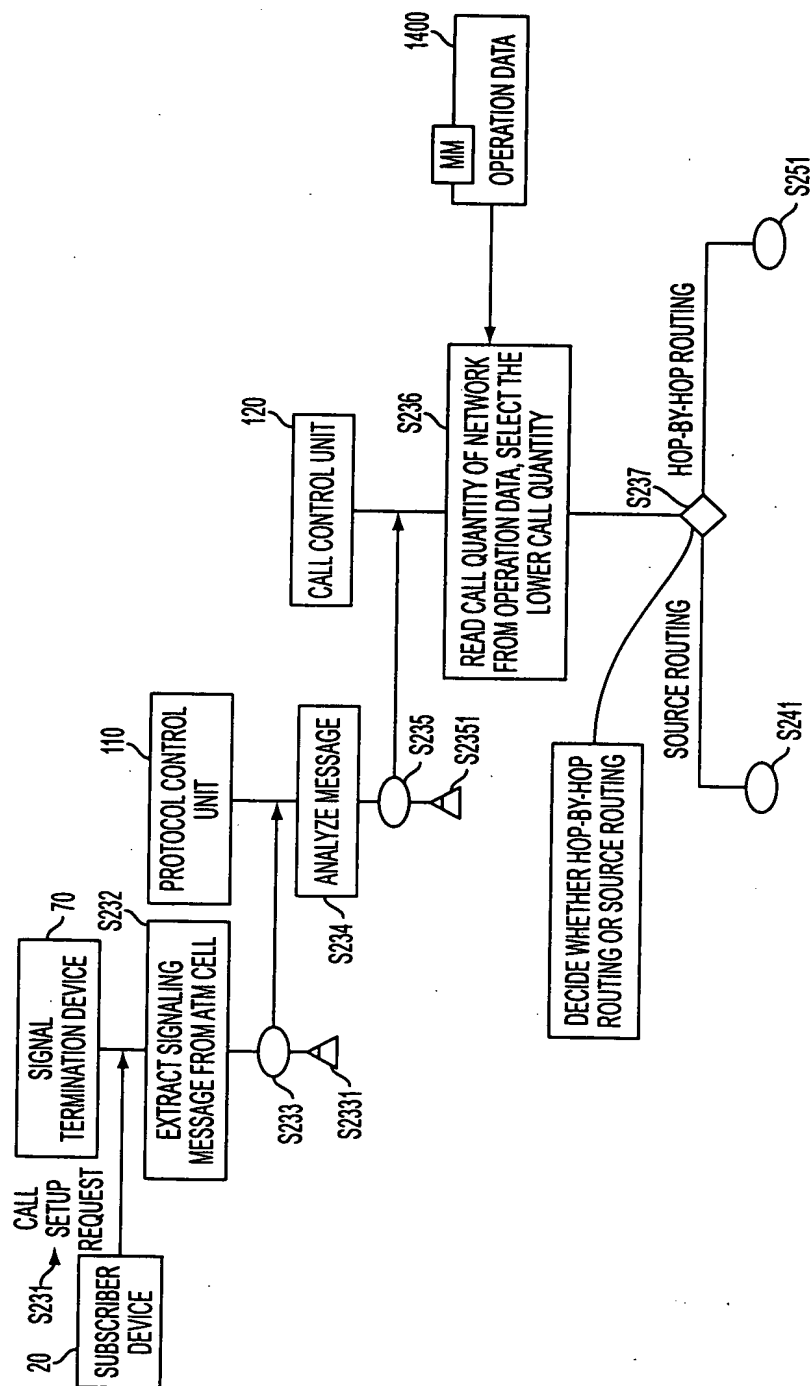
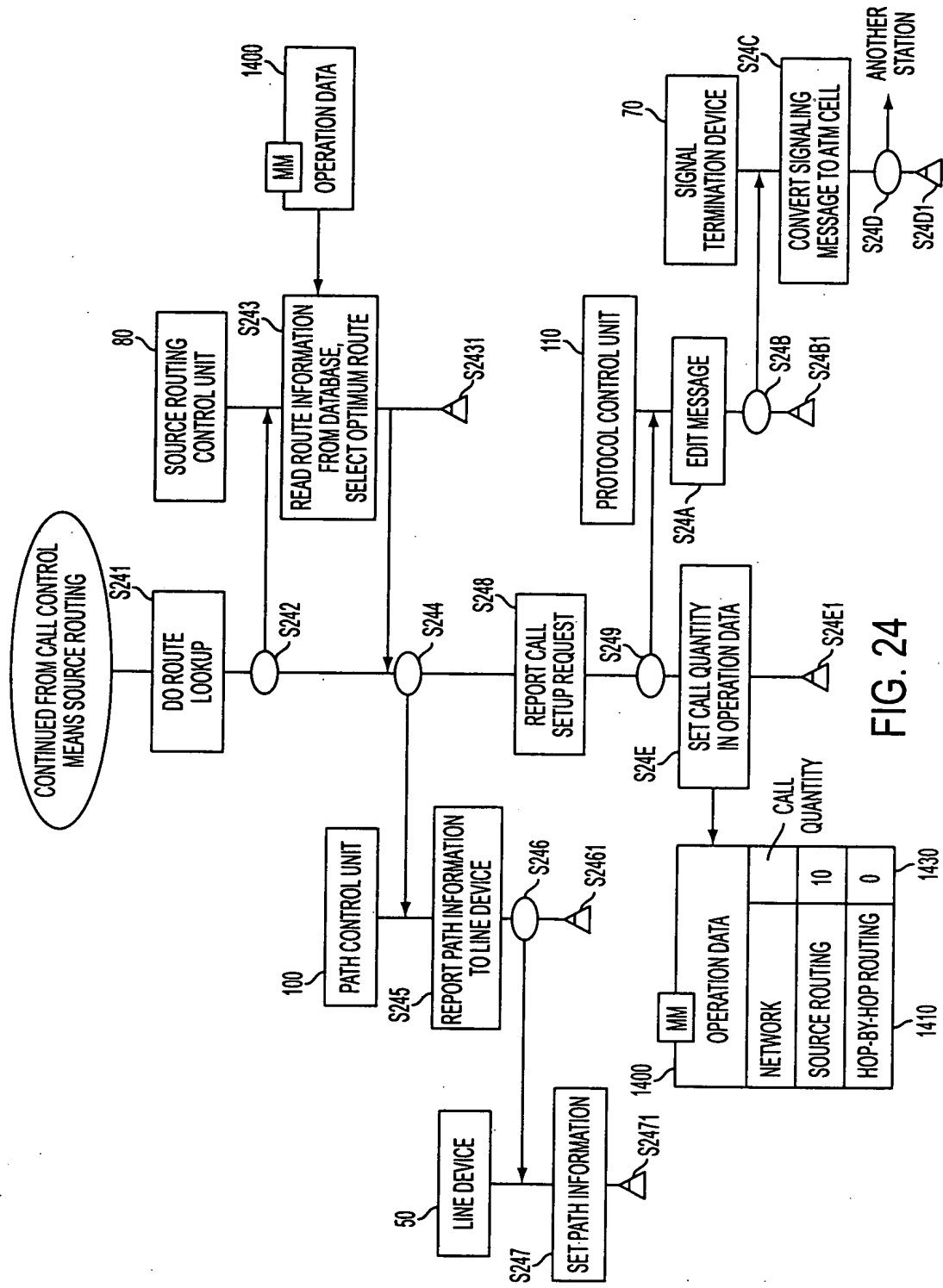
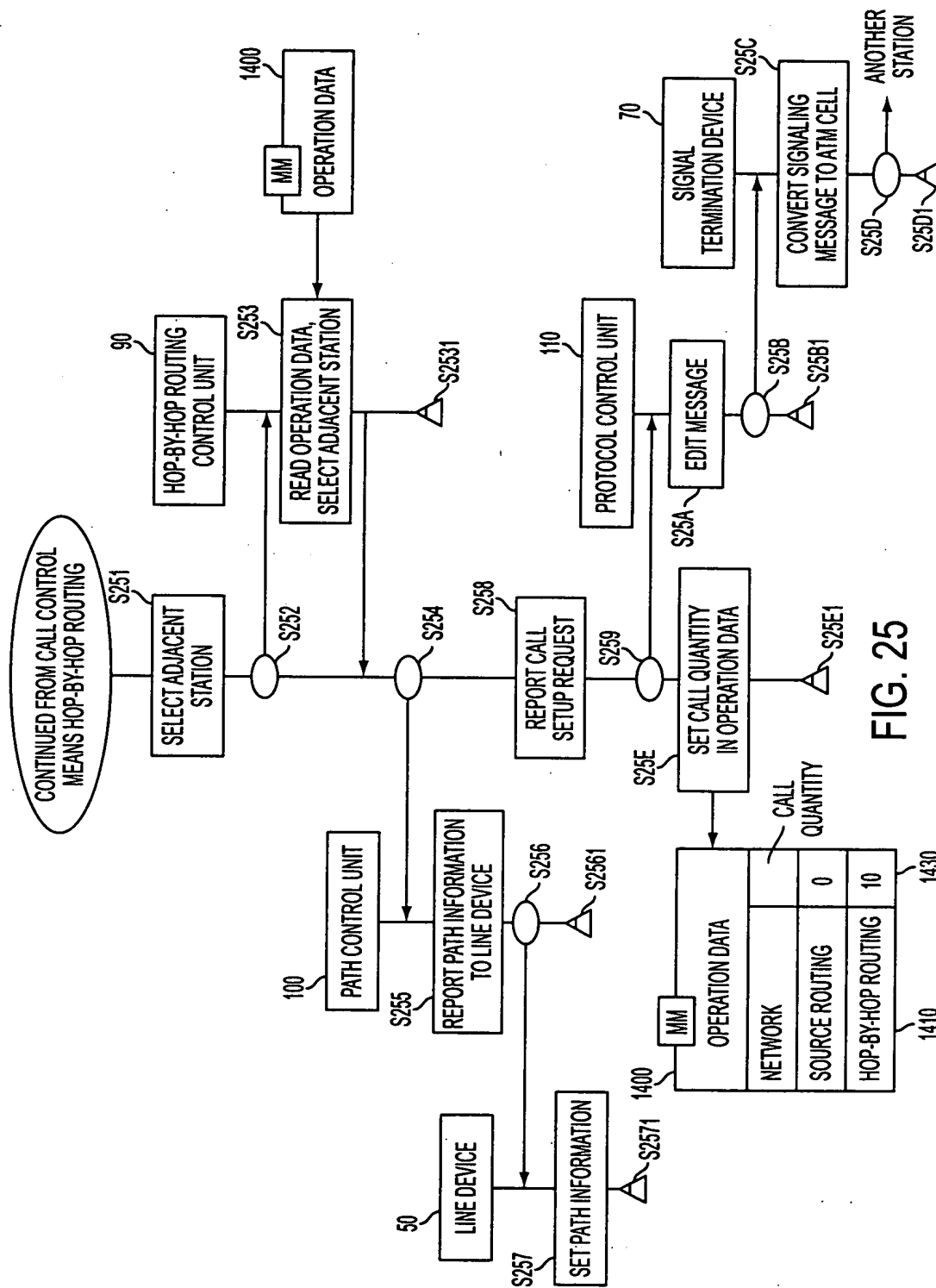


FIG. 23





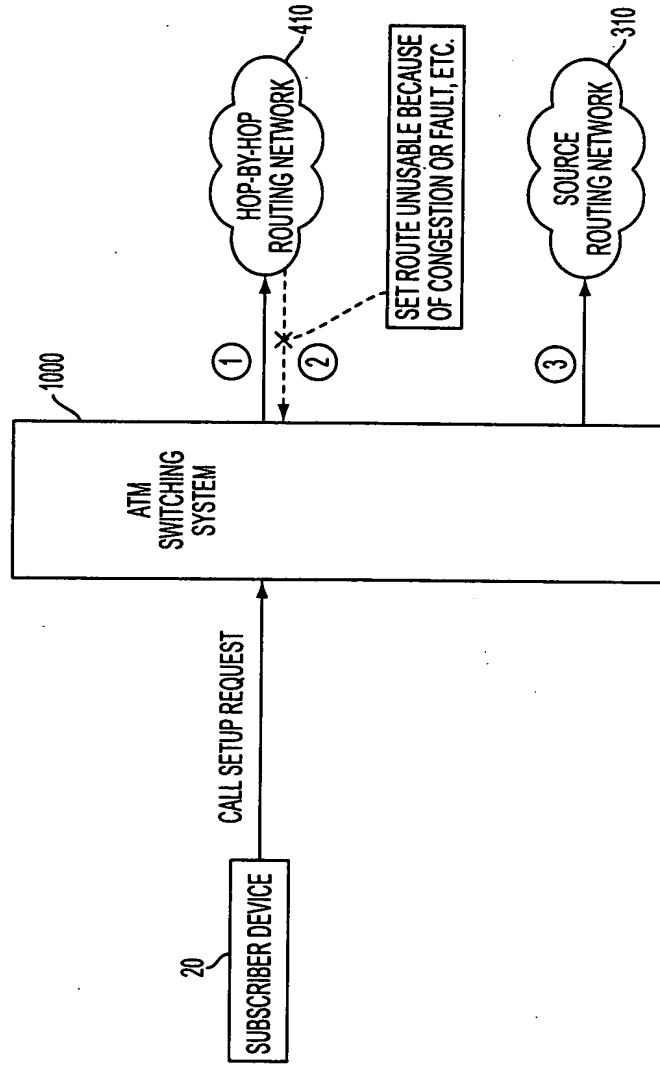
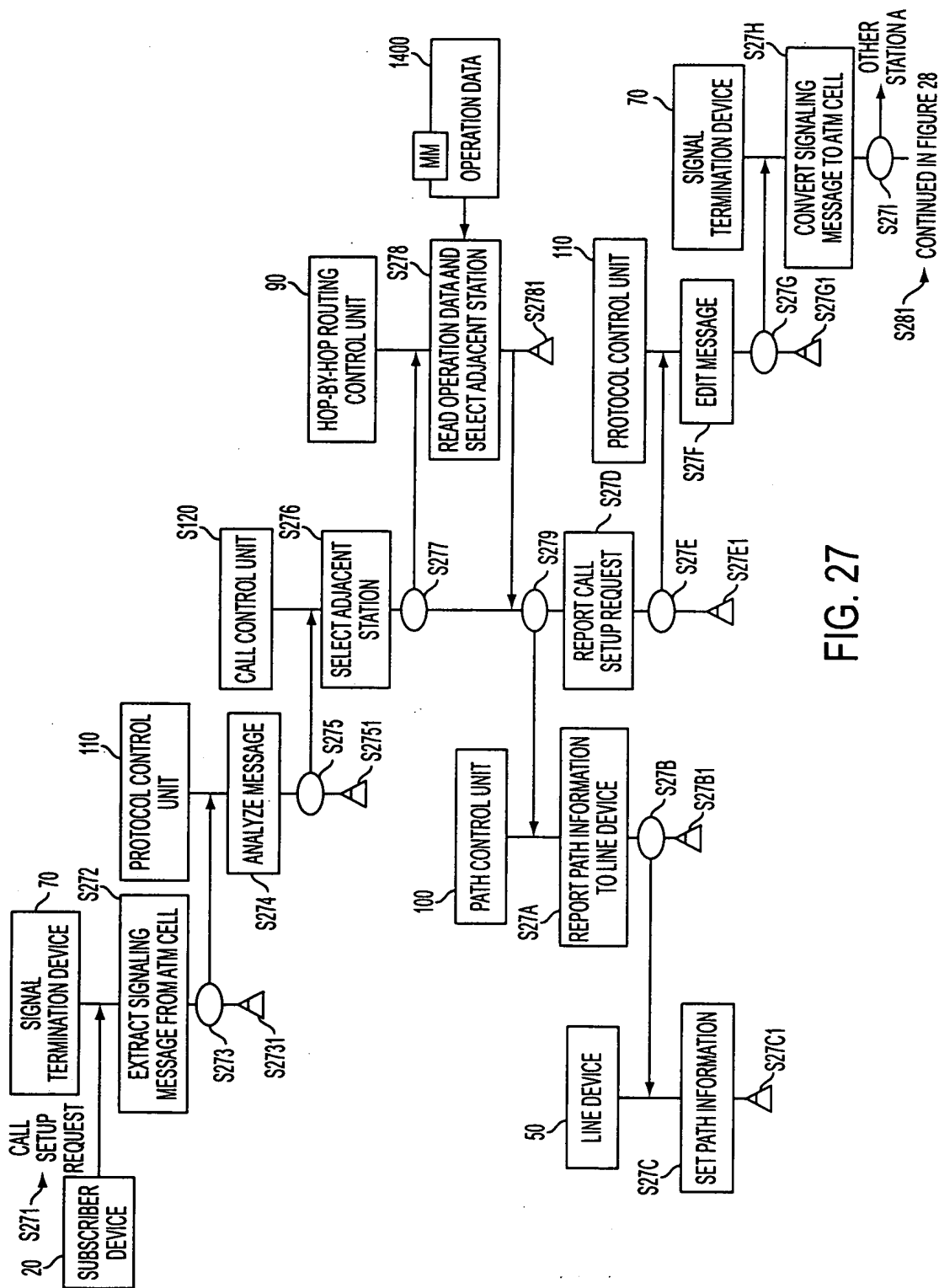
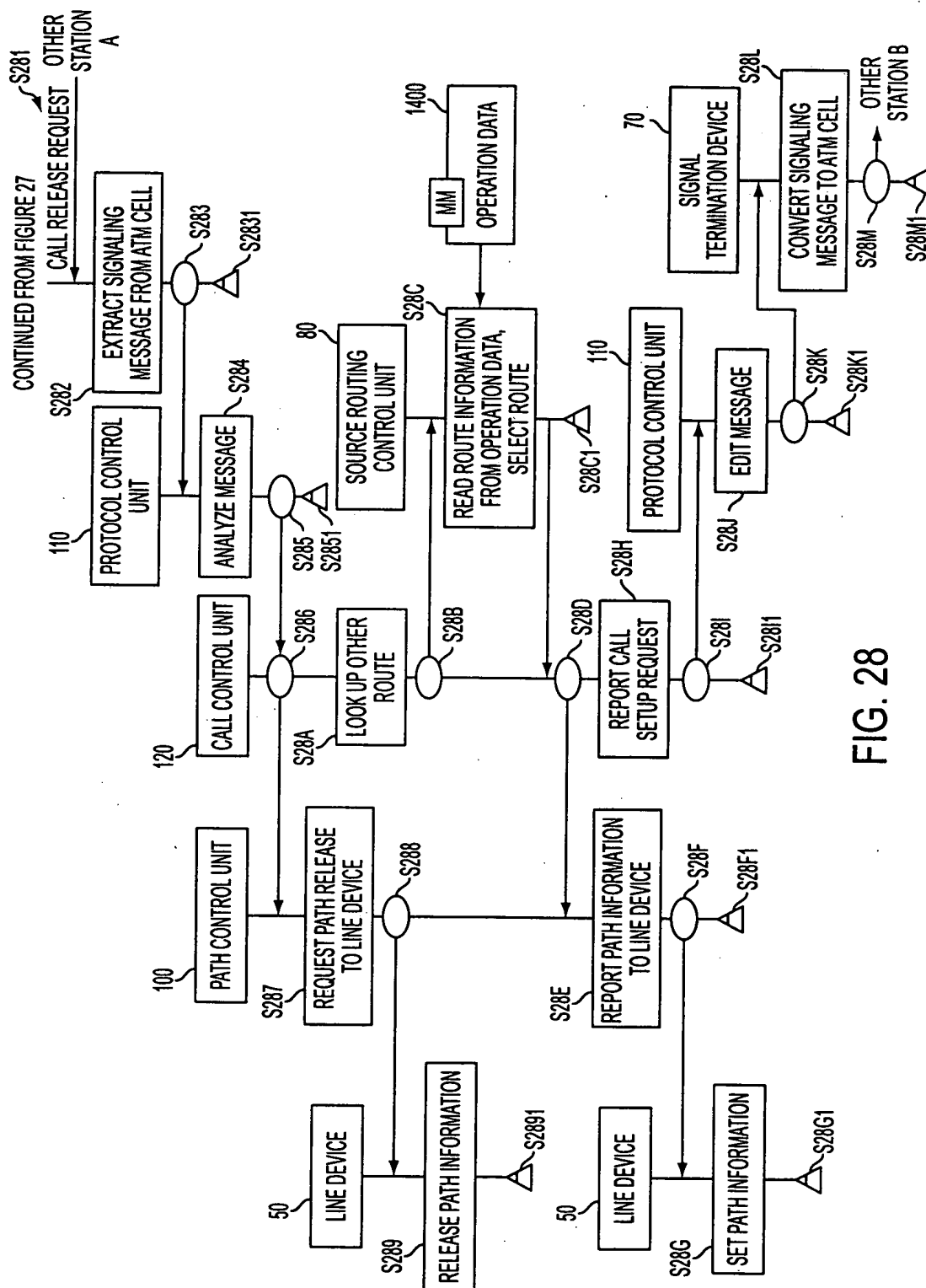


FIG. 26





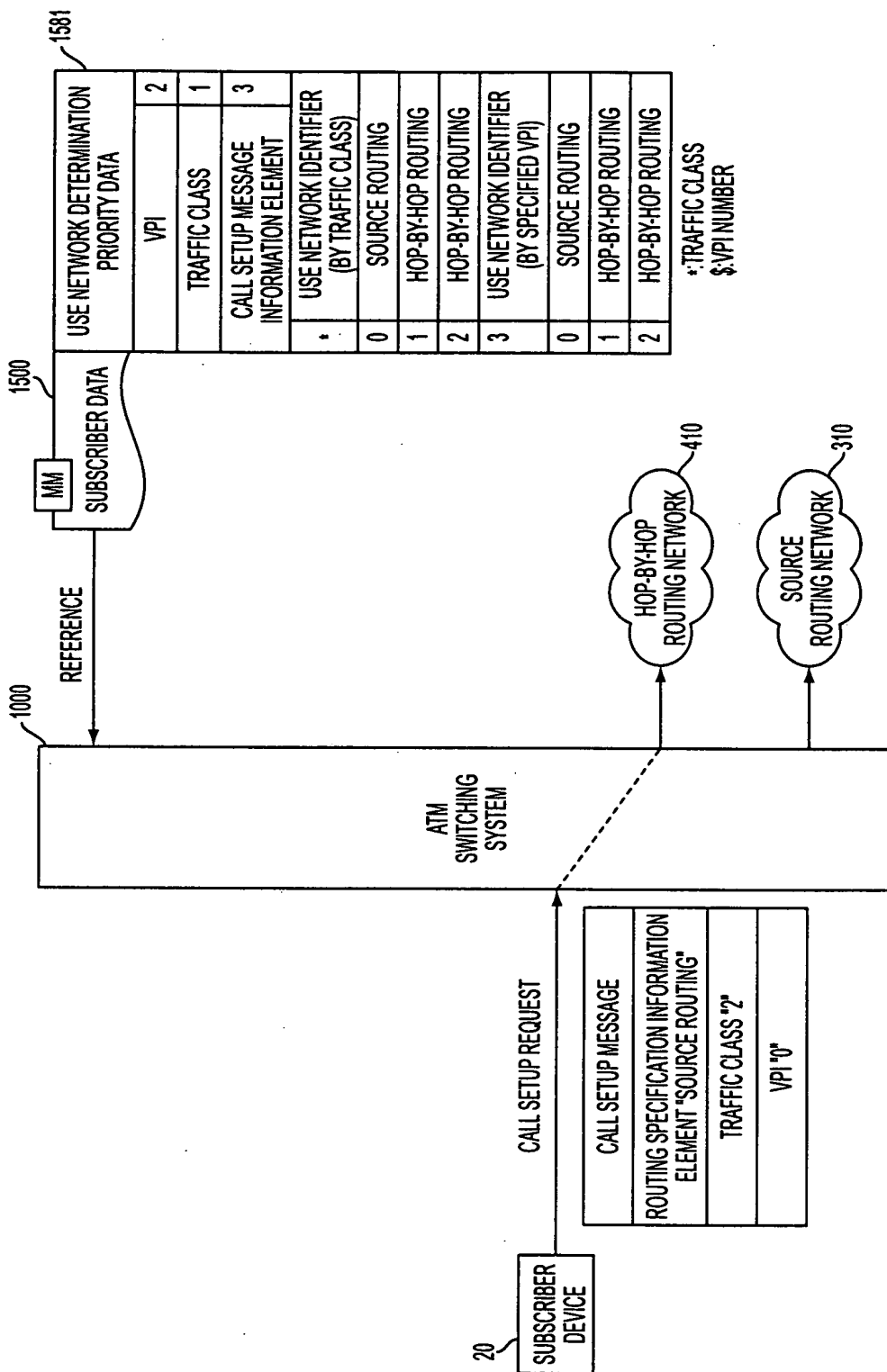


FIG. 29

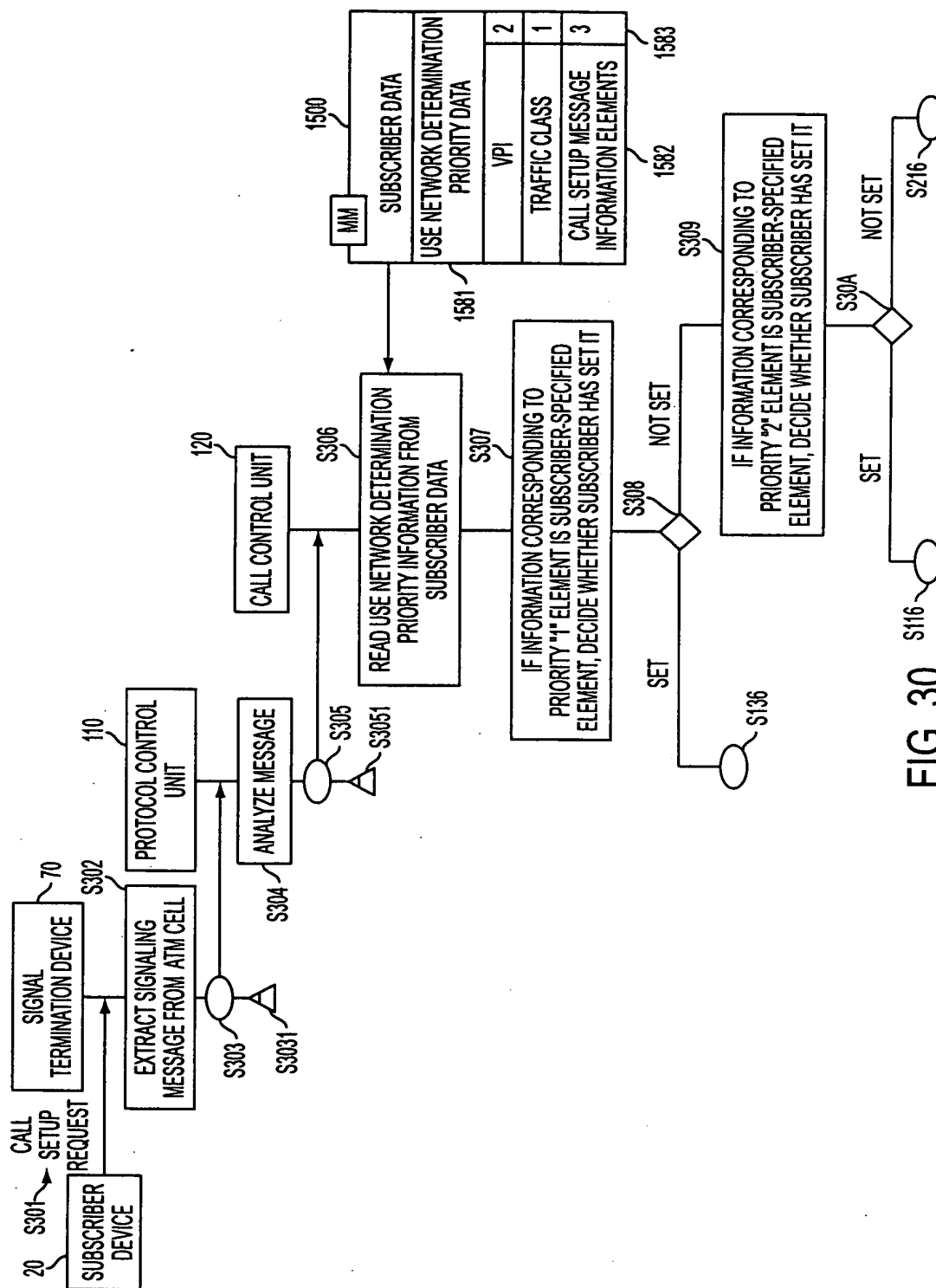


FIG. 30

FIG. 31

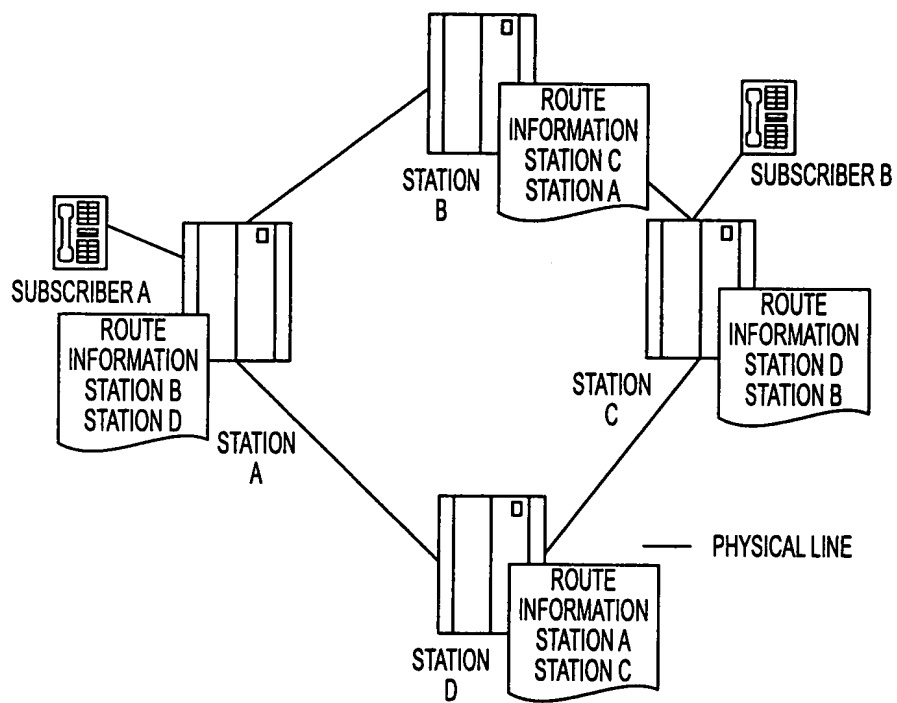


FIG. 31
(PRIOR ART)

ROUTE INFORMATION
STATION A ->
STATION B ->
STATION C

SUBSCRIBER A

STATION A

STATION B

STATION C

STATION D

SUBSCRIBER B

DATABASE

DATABASE

DATABASE

DATABASE

--- ROUTING PATH
— PHYSICAL LINE

(PRIOR ART)